ROBINS™ SINCE 1983

Signature brand

-0+ Exactly

Rubi Surf 1.9

SURFACING MACHINES

Simple - Smart !

Designing & Manufacturing Patented Technologies | US 7 726 919B | US 17879818 | US 17892165

Heavy Duty Cylinder Head Surfacing Machines

ROBINS 'Smart Control' Simple-Manual-Auto-Reliable-Tuff

RUBi SURF 1.9

NEW

Optional automatic safety door with covers

SMART SCREEN CONTROLS ;

"Robins" operator friendly Software Specifically developed & designed for RubiSurf SMART Series machines offers productivity increase of 30% to 50%. Also superior finish and Surface flatness. All buttons and switches are eliminated saving operator time in set-ups. Feeding down the spindle shows exact spindle position. Tilt fixture float & clamp, High Precision Dual-Inserts Cutter head - up/down operations are all built in the software. Infinitely variable speed and feed rates can be pre-set.

New Concepts - New Patents - New Innovations ...above all else !

ISSUE DATE: DEC 2022

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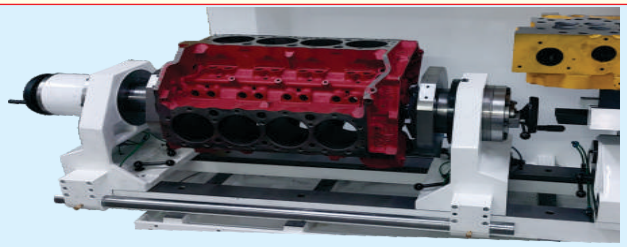


ROBINS ...World's First (Patent pending)

Unique revolutionary concept for V6 & V8 Cyl. Blocks Machining.

****NO Precision Locators needed****

Reference from either Main Bearing Bores / Cam shaft Bores or Pan Rail surfaces !

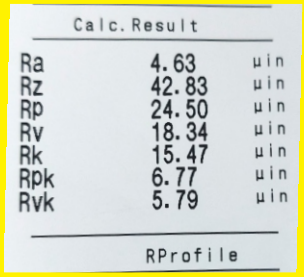
ROBINS... first

Optional Dual Axis Electronic & Bubble level (use either one)

Touch off / levelling dial indicator slides on linear guideways from front to back

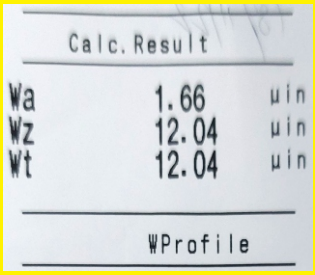
Smart series Operator Panel display made simple and easy.

CNC Servo Controlled



Surface finish down to 0.5 Ra mm

Best in the industry



SPECIFICATIONS RUBI SURF 1.9

• X-Axis Workhead Travel	55 inches (1400 mm)
• Cylinder Head Length	47 inches (1200 mm)
• Cutter head Diameter	16.5 inches (420 mm)
• Spindle Speed	200 - 1200 RPM Variable (CNC AC SERVO)
• Workhead feed rate	125 to 500 mm/minute infinitely variable (CNC AC SERVO)
• Surface Finish	As low as 0.5 Ra µmm
• X-Axis slideways	Low friction Turcite slideways
• Operator panel	RubiSurf Smart Series
• Lubrication	Centrally lubricated
★★ Waviness ★★	Below 100 Wt

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